

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to
Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(b).

Check this box to indicate that a
transaction was made pursuant to a
contract, instruction or written plan for
the purchase or sale of equity
securities of the issuer that is intended
to satisfy the affirmative defense
conditions of Rule 10b5-1(c). See
Instruction 10.

1. Name and Address of Reporting Person * <u>Pierce Tina</u>			2. Issuer Name and Ticker or Trading Symbol <u>Solstice Advanced Materials Inc. [SOLS]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner ☒ Officer (give title below) Other (specify below) SVP and CFO		
(Last) (First) (Middle) <u>C/O SOLSTICE ADVANCED MATERIALS INC.</u> <u>115 TABOR ROAD</u>			3. Date of Earliest Transaction (Month/Day/Year) <u>10/30/2025</u>			6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(Street) <u>MORRIS PLAINS</u> <u>NJ</u> <u>07950</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(City) (State) (Zip)								

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Units	(1)	10/30/2025		A		29,586		(2)	(2)	Common Stock	29,586	\$0	29,586	D	
Restricted Stock Units	(1)	10/30/2025		A ⁽³⁾		5,263		(4)	(4)	Common Stock	5,263	\$0	5,263	D	
Restricted Stock Units	(1)	10/30/2025		A ⁽³⁾		3,245		(5)	(5)	Common Stock	3,245	\$0	3,245	D	
Restricted Stock Units	(1)	10/30/2025		A ⁽³⁾		3,125		(6)	(6)	Common Stock	3,125	\$0	3,125	D	
Restricted Stock Units	(1)	10/30/2025		A ⁽³⁾		5,854		(7)	(7)	Common Stock	5,854	\$0	5,854	D	
Restricted Stock Units	(1)	10/30/2025		A ⁽³⁾		5,747		(8)	(8)	Common Stock	5,747	\$0	5,747	D	
Restricted Stock Units	(1)	10/30/2025		A ⁽³⁾		9,045		(9)	(9)	Common Stock	9,045	\$0	9,045	D	
Restricted Stock Units	(1)	10/30/2025		A ⁽³⁾		5,205		(10)	(10)	Common Stock	5,205	\$0	5,205	D	
Stock Option (Right to buy)	\$45.1	10/30/2025		A ⁽³⁾		8,607		(11)	02/10/2032	Common Stock	8,607	\$0	8,607	D	
Stock Option (Right to buy)	\$46.19	10/30/2025		A ⁽³⁾		13,852		(12)	02/22/2033	Common Stock	13,852	\$0	13,852	D	
Stock Option (Right to buy)	\$46.95	10/30/2025		A ⁽³⁾		21,734		(13)	02/28/2034	Common Stock	21,734	\$0	21,734	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)															
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (Right to buy)	\$50.76	10/30/2025		A ⁽³⁾		25,050		(14)	03/02/2035	Common Stock	25,050	\$0	25,050	D	

Explanation of Responses:

- Each restricted stock unit ("RSU") represents a contingent right to receive one share of Solstice Advanced Material Inc. (the "Issuer") common stock.
- The RSUs will vest in equal installments on each of October 30, 2028 and October 30, 2029, subject to continued employment.
- Represents equity awards originally granted by Honeywell International Inc. ("Honeywell") that have been converted into equity awards of the Issuer in connection with the spin-off of the Issuer from Honeywell.
- The RSUs will vest on July 30, 2026, subject to continued employment.
- The RSUs will vest on July 29, 2027, subject to continued employment.
- The RSUs will vest on July 28, 2026, subject to continued employment.
- The RSUs will vest on February 23, 2026, subject to continued employment.
- The RSUs will vest on March 1, 2027, subject to continued employment.
- The RSUs will vest 2,985 on May 20, 2026, 2,985 on May 20, 2027 and 3,075 on May 20, 2028, subject to continued employment.
- The RSUs will vest on March 3, 2028, subject to continued employment.
- Options vest and become exercisable on February 11, 2026.
- Options vest and become exercisable in equal installments on each of February 23, 2026 and February 23, 2027.
- Options vest and become exercisable in three equal installments on each of March 1, 2026, March 1, 2027 and March 1, 2028.
- Options vest and become exercisable in four equal installments on each of March 3, 2026, March 3, 2027, March 3, 2028 and March 3, 2029.

Remarks:

/s/ Brian Rudick for Tina Pierce 11/03/2025

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.